

```

T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=EL
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).

```

T-Test

Notes

Output Created		17-DEC-2021 12:57:22
Comments		
Input	Data	C:\Users\rafmusa\Desktop\FINAL ANALYSIS DATA TOCO\Questionaire\NHP\Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=EL /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
EL	Tocotrienol	118	45.8034	31.68722	2.91705
	Placebo	117	44.9368	32.98958	3.04989

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
EL	Equal variances assumed	.408	.524	.205	233
	Equal variances not assumed			.205	232.447

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
EL	Equal variances assumed	.837	.86664	4.21958	-7.44676
	Equal variances not assumed	.837	.86664	4.22030	-7.44830

Independent Samples Test

		t-test for Equality of Means
		95% Confidence Interval of the ... Upper
EL	Equal variances assumed	9.18004
	Equal variances not assumed	9.18157

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
EL	Cohen's d	32.34216	.027	-.229	.282
	Hedges' correction	32.44673	.027	-.228	.282
	Glass's delta	32.98958	.026	-.230	.282

- a. The denominator used in estimating the effect sizes.
 Cohen's d uses the pooled standard deviation.
 Hedges' correction uses the pooled standard deviation, plus a correction factor.
 Glass's delta uses the sample standard deviation of the control group.

```
T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=P
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		17-DEC-2021 12:59:09
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Notes

Syntax		T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=P /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
P	Tocotrienol	118	12.0443	14.73001	1.35601
	Placebo	117	13.7276	13.72667	1.26903

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
P	Equal variances assumed	.059	.808	-.906	233
	Equal variances not assumed			-.906	232.111

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
P	Equal variances assumed	.366	-1.68328	1.85776	-5.34344
	Equal variances not assumed	.366	-1.68328	1.85720	-5.34241

Independent Samples Test

t-test for Equality
of Means

95% Confidence
Interval of the ...

		Upper
P	Equal variances assumed	1.97687
	Equal variances not assumed	1.97584

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
P	Cohen's d	14.23933	-.118	-.374	.138
	Hedges' correction	14.28538	-.118	-.373	.137
	Glass's delta	13.72667	-.123	-.379	.134

- a. The denominator used in estimating the effect sizes.
 Cohen's d uses the pooled standard deviation.
 Hedges' correction uses the pooled standard deviation, plus a correction factor.
 Glass's delta uses the sample standard deviation of the control group.

```
T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=ER
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		17-DEC-2021 13:01:03
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=ER /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
ER	Tocotrienol	118	2.8802	9.33050	.85894
	Placebo	117	2.3922	7.90806	.73110

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ER	Equal variances assumed	.678	.411	.432	233
	Equal variances not assumed			.433	227.500

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
ER	Equal variances assumed	.666	.48795	1.12875	-1.73591
	Equal variances not assumed	.666	.48795	1.12796	-1.73463

Independent Samples Test

		t-test for Equality of Means
		95% Confidence Interval of the ... Upper
ER	Equal variances assumed	2.71181
	Equal variances not assumed	2.71053

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
ER	Cohen's d	8.65162	.056	-.199	.312
	Hedges' correction	8.67959	.056	-.199	.311
	Glass's delta	7.90806	.062	-.194	.317

- a. The denominator used in estimating the effect sizes.
Cohen's d uses the pooled standard deviation.
Hedges' correction uses the pooled standard deviation, plus a correction factor.
Glass's delta uses the sample standard deviation of the control group.

```
T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=S
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		17-DEC-2021 13:01:52
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionnaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax	T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=S /ES DISPLAY(TRUE) /CRITERIA=CI(.95).	
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
S	Tocotrienol	118	27.1913	28.75432	2.64705
	Placebo	117	31.6865	28.78583	2.66125

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
S	Equal variances assumed	.458	.499	-1.198	233
	Equal variances not assumed			-1.198	232.978

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference Lower
S	Equal variances assumed	.232	-4.49522	3.75353	-11.89042
	Equal variances not assumed	.232	-4.49522	3.75355	-11.89046

Independent Samples Test

		t-test for Equality of Means
		95% Confidence Interval of the Difference Upper
S	Equal variances assumed	2.89997
	Equal variances not assumed	2.90001

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
S	Cohen's d	28.77001	-.156	-.412	.100
	Hedges' correction	28.86304	-.156	-.411	.100
	Glass's delta	28.78583	-.156	-.412	.101

- a. The denominator used in estimating the effect sizes.
 Cohen's d uses the pooled standard deviation.
 Hedges' correction uses the pooled standard deviation, plus a correction factor.
 Glass's delta uses the sample standard deviation of the control group.

```
T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=SI
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		17-DEC-2021 13:02:49
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionnaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.

Notes

Syntax		T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=SI /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
SI	Tocotrienol	118	2.3122	10.69776	.98481
	Placebo	116	.5575	3.44043	.31944

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
SI	Equal variances assumed	11.052	.001	1.683	232
	Equal variances not assumed			1.695	141.323

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
SI	Equal variances assumed	.094	1.75470	1.04257	-.29940
	Equal variances not assumed	.092	1.75470	1.03532	-.29201

Independent Samples Test

t-test for Equality
of Means

95% Confidence
Interval of the ...

		Upper
SI	Equal variances assumed	3.80881
	Equal variances not assumed	3.80142

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
SI	Cohen's d	7.97380	.220	-.037	.477
	Hedges' correction	7.99970	.219	-.037	.475
	Glass's delta	3.44043	.510	.244	.774

- a. The denominator used in estimating the effect sizes.
 Cohen's d uses the pooled standard deviation.
 Hedges' correction uses the pooled standard deviation, plus a correction factor.
 Glass's delta uses the sample standard deviation of the control group.

```
T-TEST GROUPS=Randomization(1 2)
/MISSING=ANALYSIS
/VARIABLES=PA
/ES DISPLAY(TRUE)
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		17-DEC-2021 13:03:46
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=Randomization (1 2) /MISSING=ANALYSIS /VARIABLES=PA /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Group Statistics

	Toco/Placebo	N	Mean	Std. Deviation	Std. Error Mean
PA	Tocotrienol	118	19.5862	21.87884	2.01411
	Placebo	116	17.9830	18.84977	1.75016

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
PA	Equal variances assumed	3.865	.050	.600	232
	Equal variances not assumed			.601	228.089

Independent Samples Test

		t-test for Equality of Means			
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence ... Lower
PA	Equal variances assumed	.549	1.60317	2.67167	-3.66066
	Equal variances not assumed	.549	1.60317	2.66828	-3.65445

Independent Samples Test

		t-test for Equality of Means
		95% Confidence Interval of the ... Upper
PA	Equal variances assumed	6.86700
	Equal variances not assumed	6.86079

Independent Samples Effect Sizes

		Standardizer ^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
PA	Cohen's d	20.43356	.078	-.178	.335
	Hedges' correction	20.49992	.078	-.177	.334
	Glass's delta	18.84977	.085	-.172	.341

- a. The denominator used in estimating the effect sizes.
 Cohen's d uses the pooled standard deviation.
 Hedges' correction uses the pooled standard deviation, plus a correction factor.
 Glass's delta uses the sample standard deviation of the control group.

```
EXAMINE VARIABLES=EL P ER S SI PA
/PLOT BOXPLOT STEMLEAF HISTOGRAM NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.
```

Explore

Notes

Output Created		17-DEC-2021 15:38:30
Comments		
Input	Data	C: \Users\rafmusa\Desktop\FI NAL ANALYSIS DATA TOCO\Questionaire\NHP\ Data Discharge\DATA NHP - DISCHARGE.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	250
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.

Notes

Syntax	EXAMINE VARIABLES=EL P ER S SI PA /PLOT BOXPLOT STEMLEAF HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE...	
Resources	Processor Time	00:00:08.69
	Elapsed Time	00:00:05.18

[DataSet1] C:\Users\rafmusa\Desktop\FINAL ANALYSIS DATA TOCO\Questionnaire\NHP\Data Discharge\DATA NHP - DISCHARGE.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
EL	234	93.6%	16	6.4%	250	100.0%
P	234	93.6%	16	6.4%	250	100.0%
ER	234	93.6%	16	6.4%	250	100.0%
S	234	93.6%	16	6.4%	250	100.0%
SI	234	93.6%	16	6.4%	250	100.0%
PA	234	93.6%	16	6.4%	250	100.0%

Descriptives

		Statistic	Std. Error	
EL	Mean	45.3060	2.11343	
	95% Confidence Interval for Mean	Lower Bound	41.1421	
		Upper Bound	49.4699	
	5% Trimmed Mean	44.7844		
	Median	36.8000		
	Variance	1045.179		
	Std. Deviation	32.32922		
	Minimum	.00		
	Maximum	100.00		
	Range	100.00		
	Interquartile Range	24.00		
	Skewness	.146	.159	
	Kurtosis	-.794	.317	
P	Mean	12.8396	.93150	
	95% Confidence Interval for Mean	Lower Bound	11.0043	
		Upper Bound	14.6748	
	5% Trimmed Mean	11.4155		
	Median	9.9900		
	Variance	203.041		
	Std. Deviation	14.24923		
	Minimum	.00		
	Maximum	80.26		
	Range	80.26		
	Interquartile Range	22.90		
	Skewness	1.402	.159	
	Kurtosis	2.308	.317	
ER	Mean	2.6485	.56569	
	95% Confidence Interval for Mean	Lower Bound	1.5340	
		Upper Bound	3.7630	
	5% Trimmed Mean	1.0599		
	Median	.0000		
	Variance	74.881		
	Std. Deviation	8.65335		
	Minimum	.00		
Maximum	76.25			

Descriptives

		Statistic	Std. Error
	Range	76.25	
	Interquartile Range	.00	
	Skewness	5.033	.159
	Kurtosis	31.615	.317
S	Mean	29.2233	1.87516
	95% Confidence Interval for Mean	Lower Bound	25.5289
		Upper Bound	32.9178
	5% Trimmed Mean	27.6265	
	Median	28.6700	
	Variance	822.795	
	Std. Deviation	28.68440	
	Minimum	.00	
	Maximum	100.00	
	Range	100.00	
	Interquartile Range	50.37	
	Skewness	.664	.159
	Kurtosis	-.676	.317
	SI	Mean	1.4424
95% Confidence Interval for Mean		Lower Bound	.4113
		Upper Bound	2.4734
5% Trimmed Mean		.0227	
Median		.0000	
Variance		64.082	
Std. Deviation		8.00510	
Minimum		.00	
Maximum		100.00	
Range		100.00	
Interquartile Range		.00	
Skewness		8.998	.159
Kurtosis		101.069	.317
PA		Mean	18.7915
	95% Confidence Interval for Mean	Lower Bound	16.1633
		Upper Bound	21.4196
	5% Trimmed Mean	16.6230	
	Median	11.2000	

Descriptives

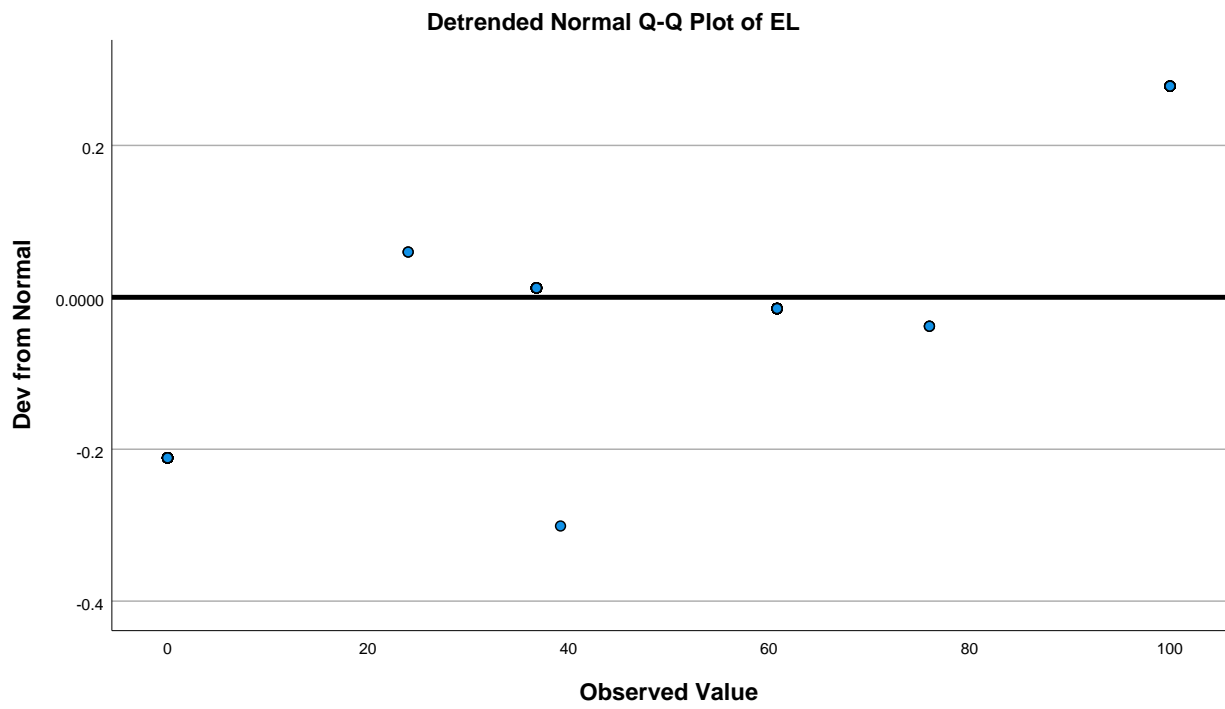
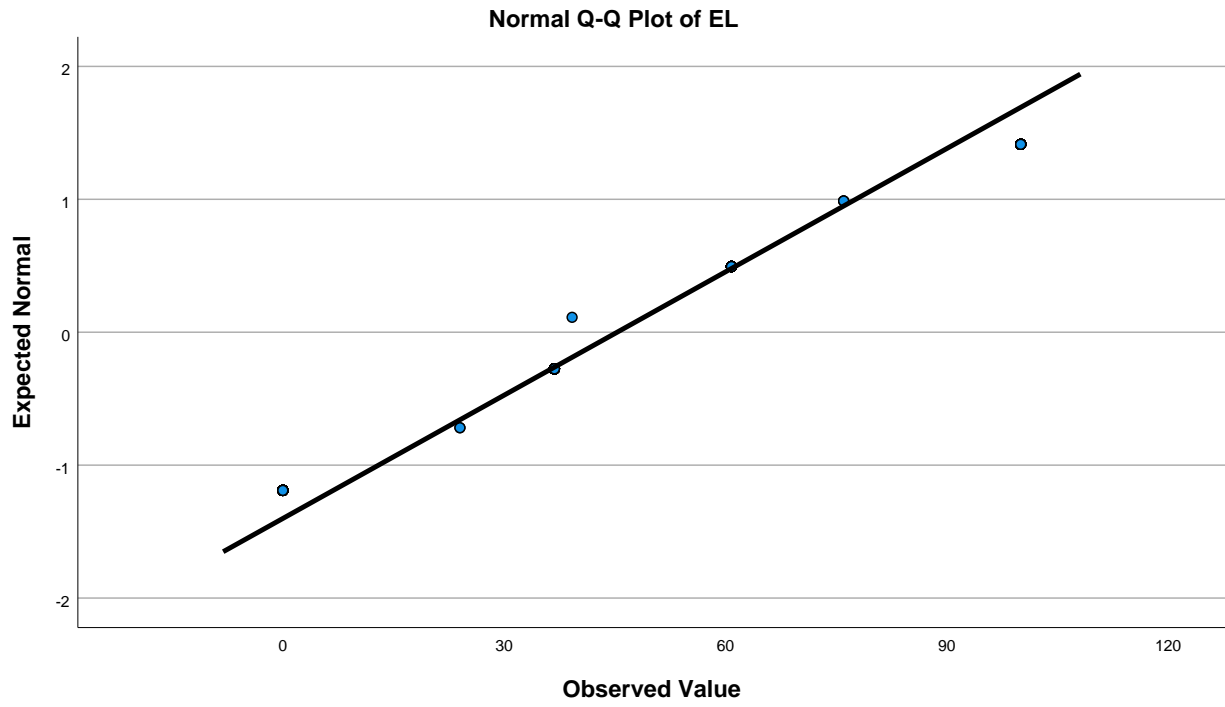
	Statistic	Std. Error
Variance	416.384	
Std. Deviation	20.40548	
Minimum	.00	
Maximum	100.00	
Range	100.00	
Interquartile Range	30.66	
Skewness	1.397	.159
Kurtosis	1.951	.317

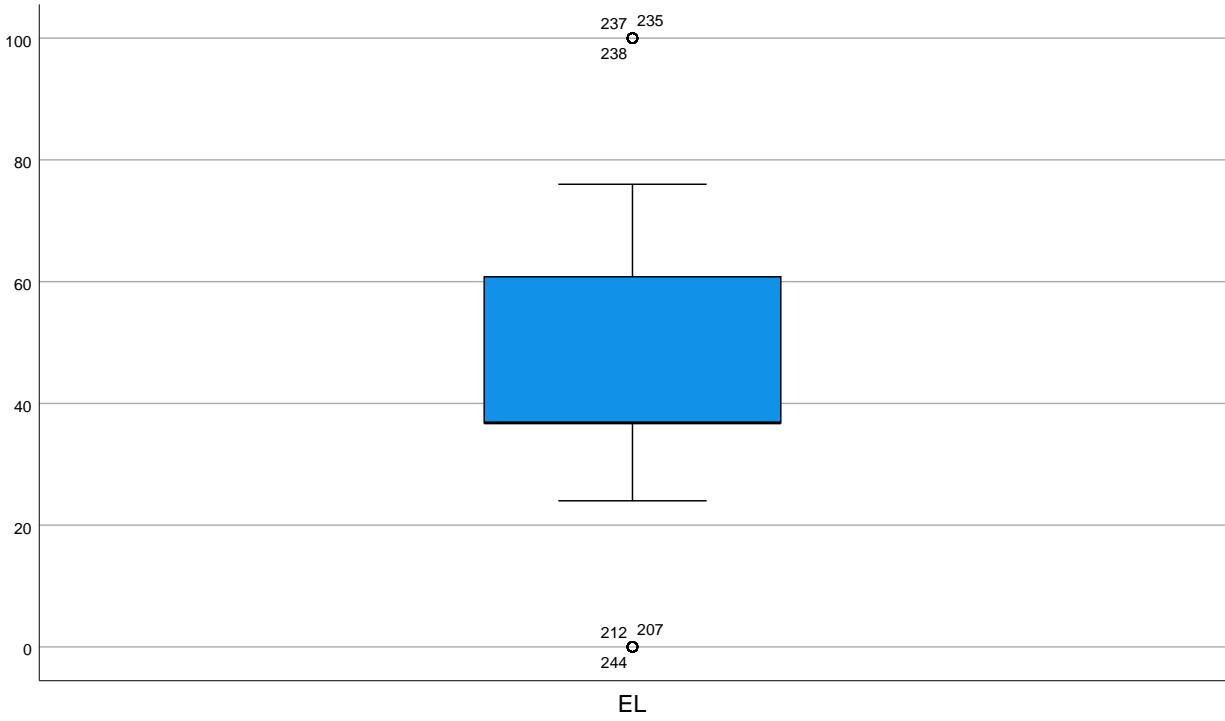
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
EL	.157	234	.000	.880	234	.000
P	.225	234	.000	.825	234	.000
ER	.471	234	.000	.348	234	.000
S	.179	234	.000	.868	234	.000
SI	.520	234	.000	.174	234	.000
PA	.194	234	.000	.837	234	.000

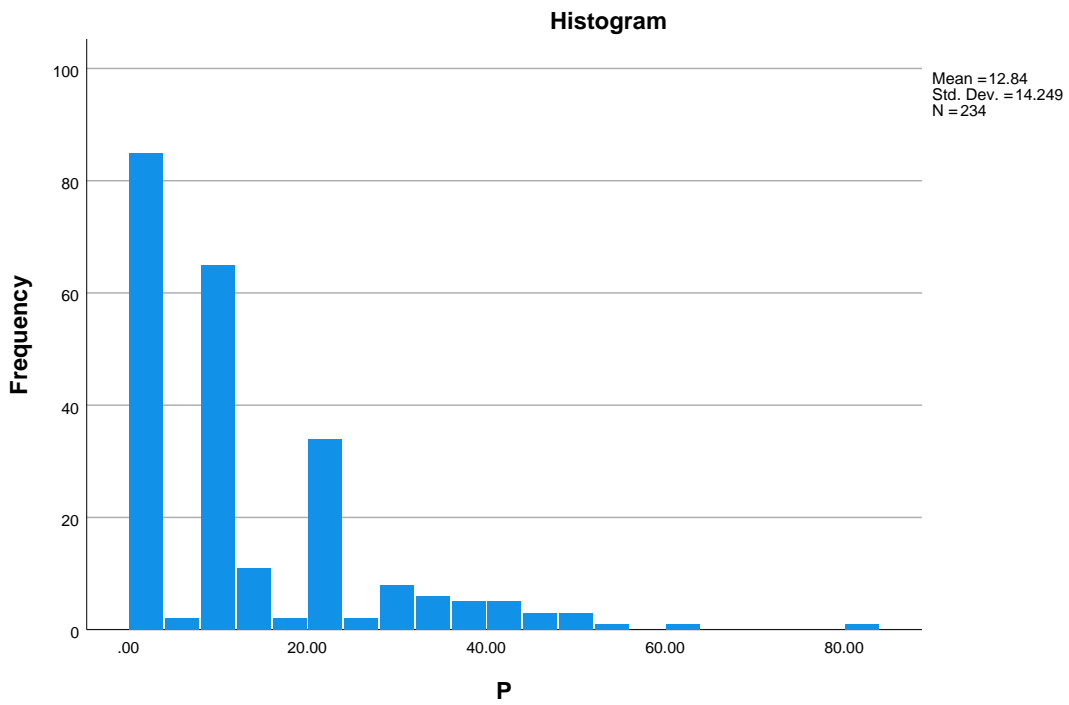
a. Lilliefors Significance Correction

EL



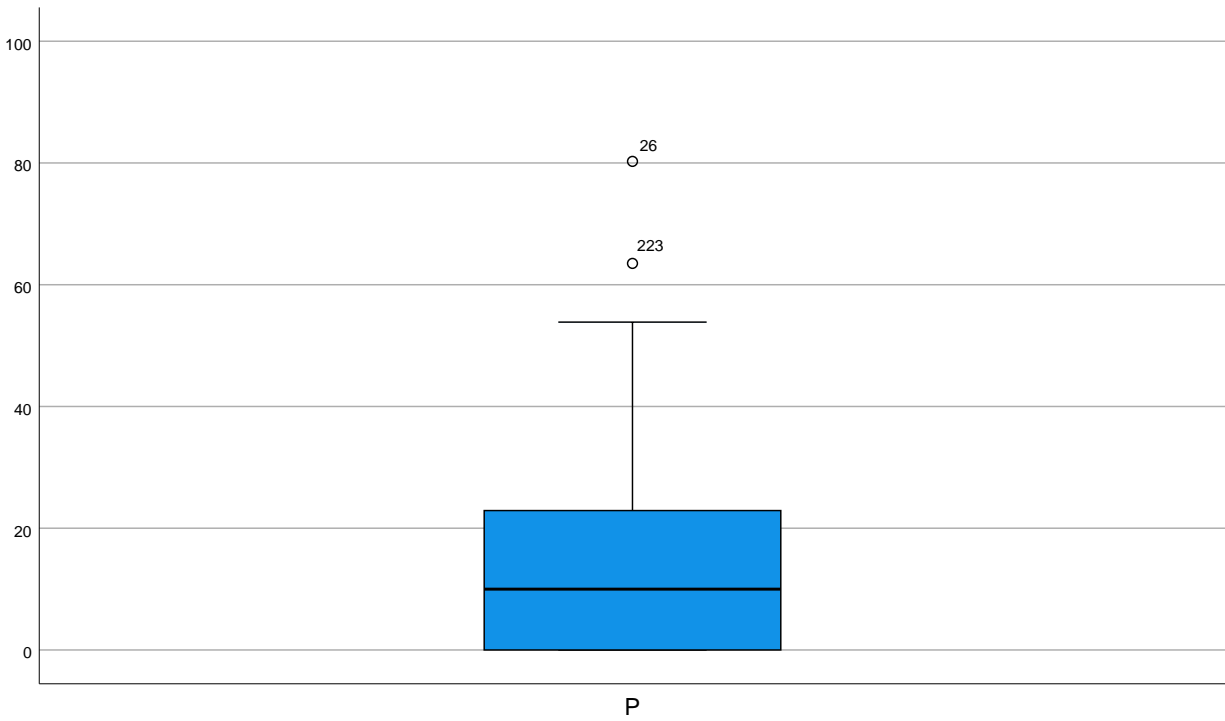
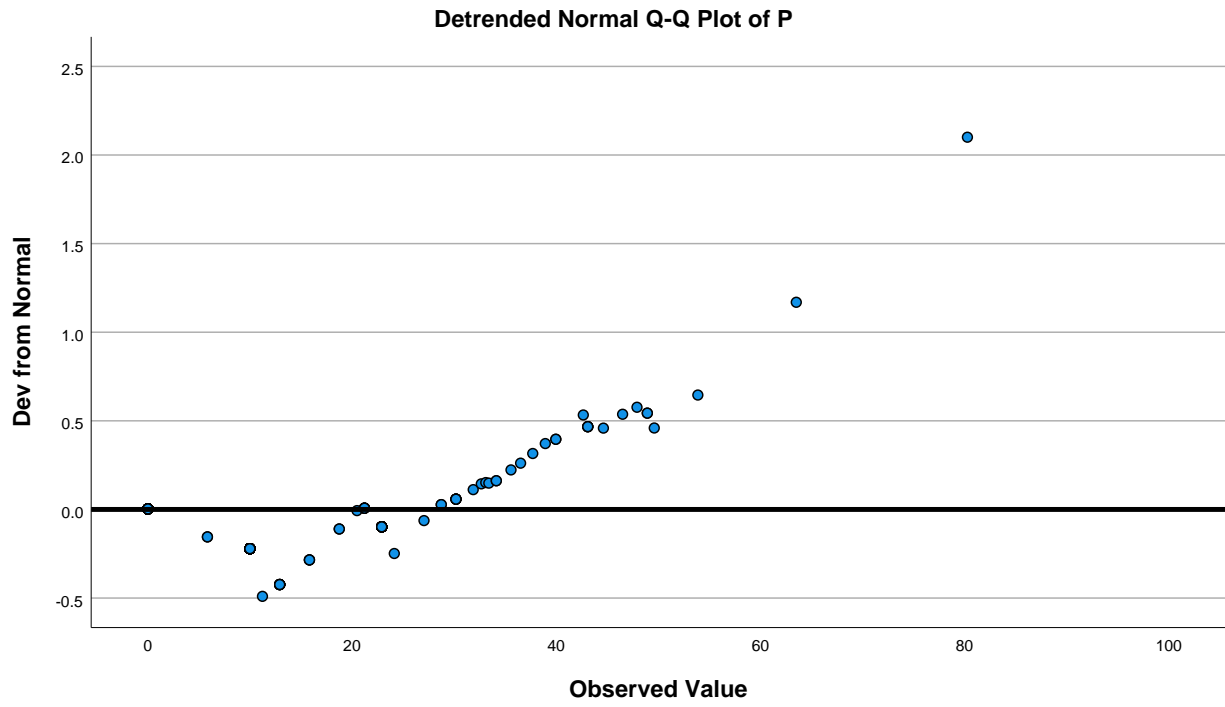


P

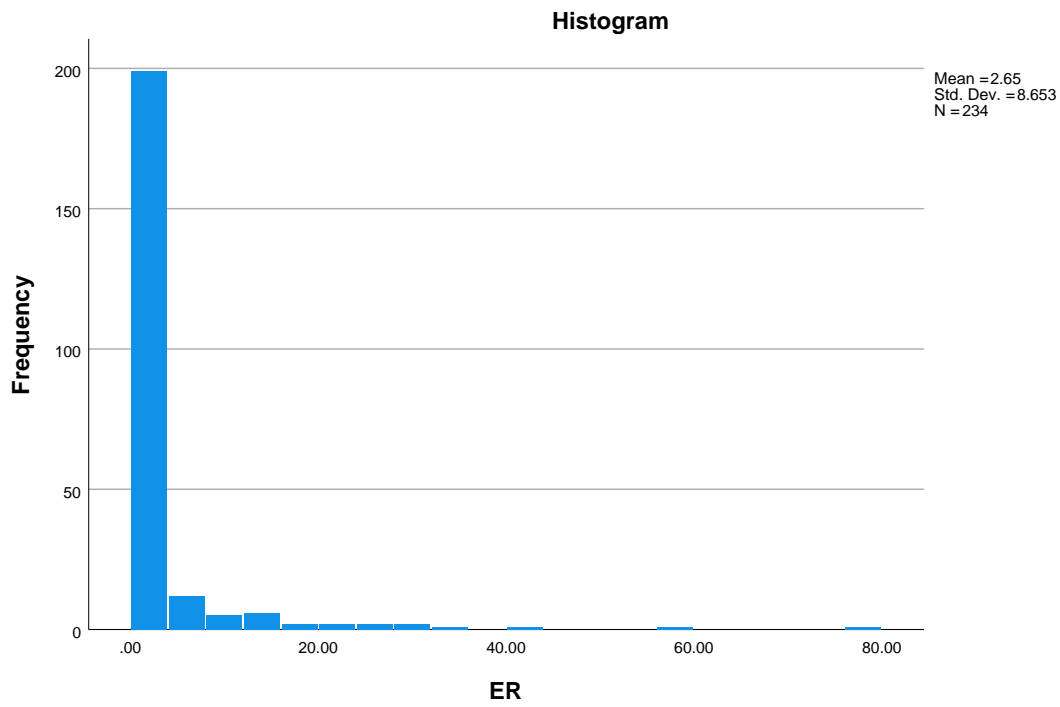


P Stem-and-Leaf Plot

Frequency Stem & Leaf



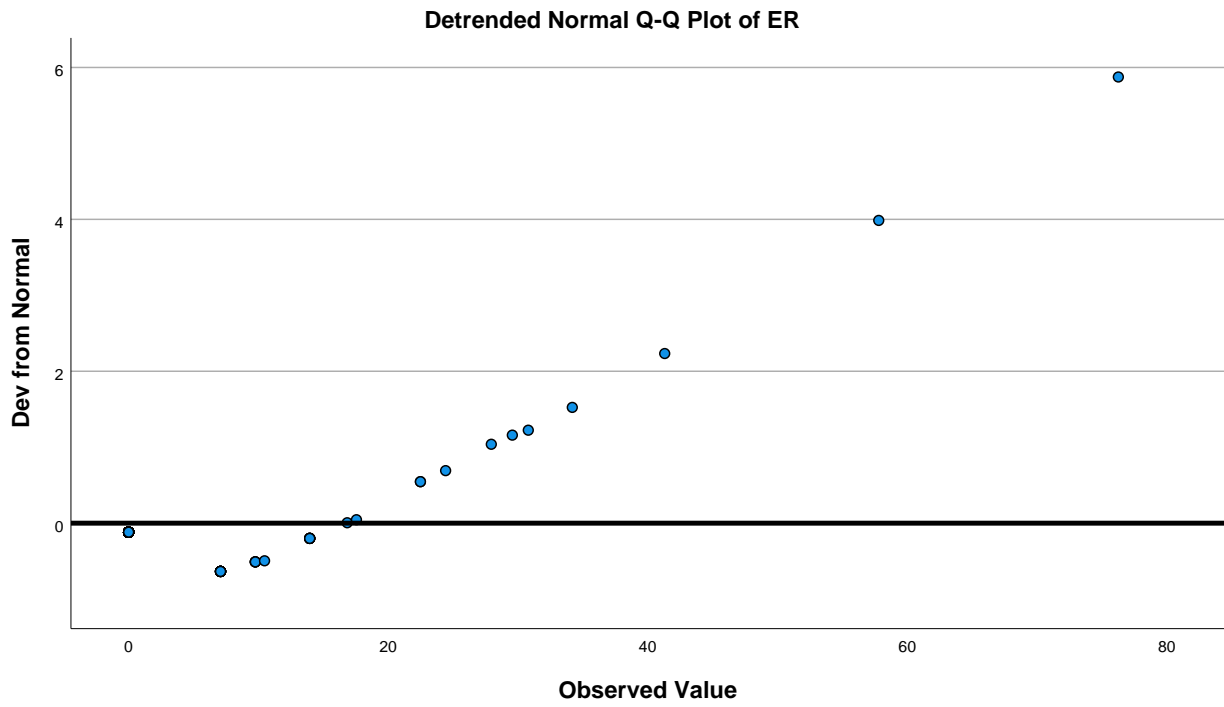
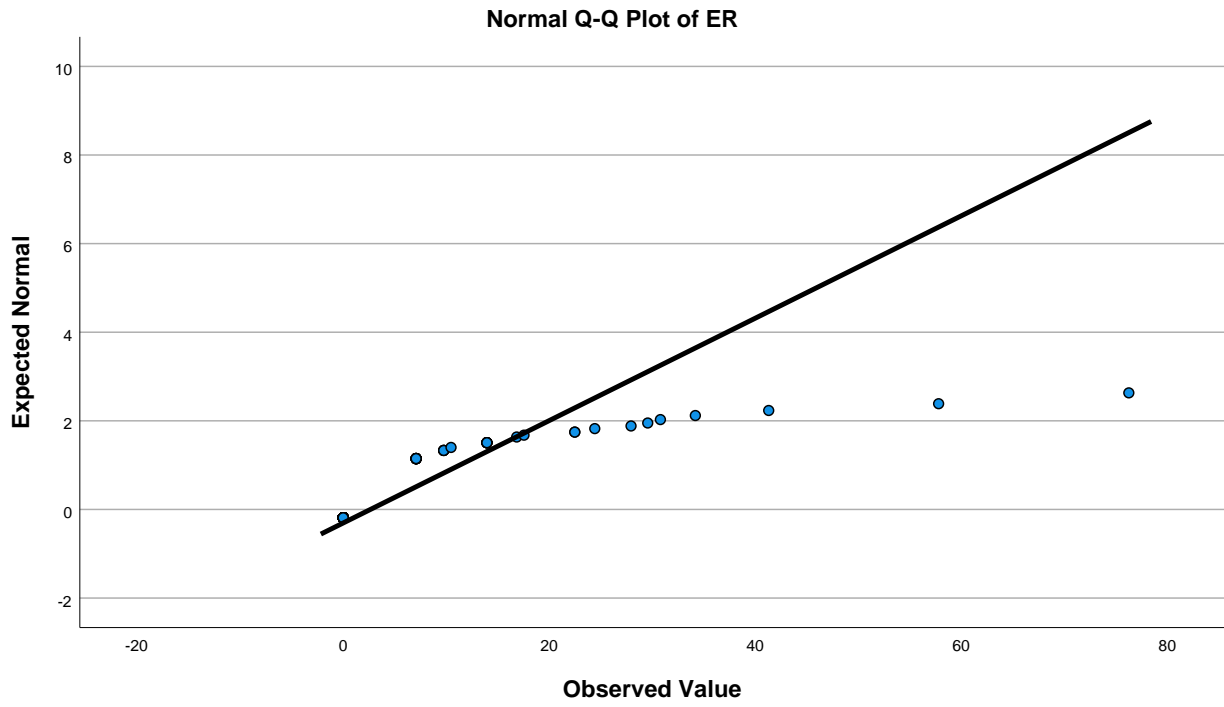
ER

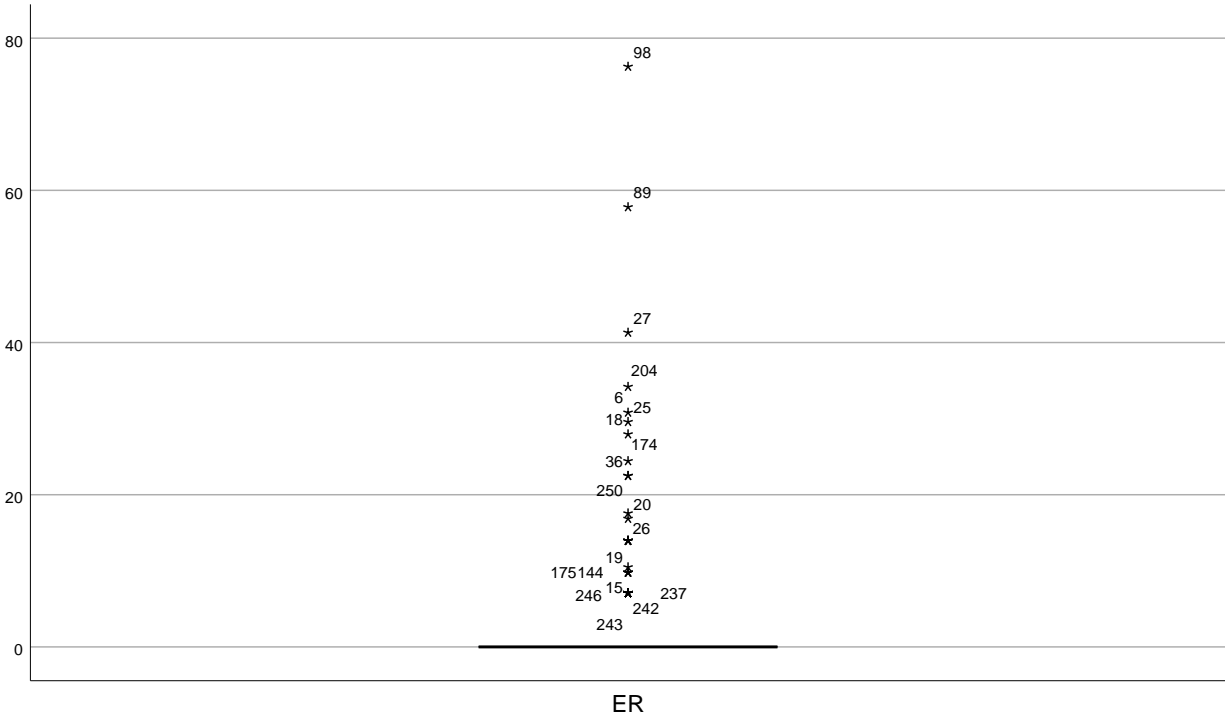


ER Stem-and-Leaf Plot

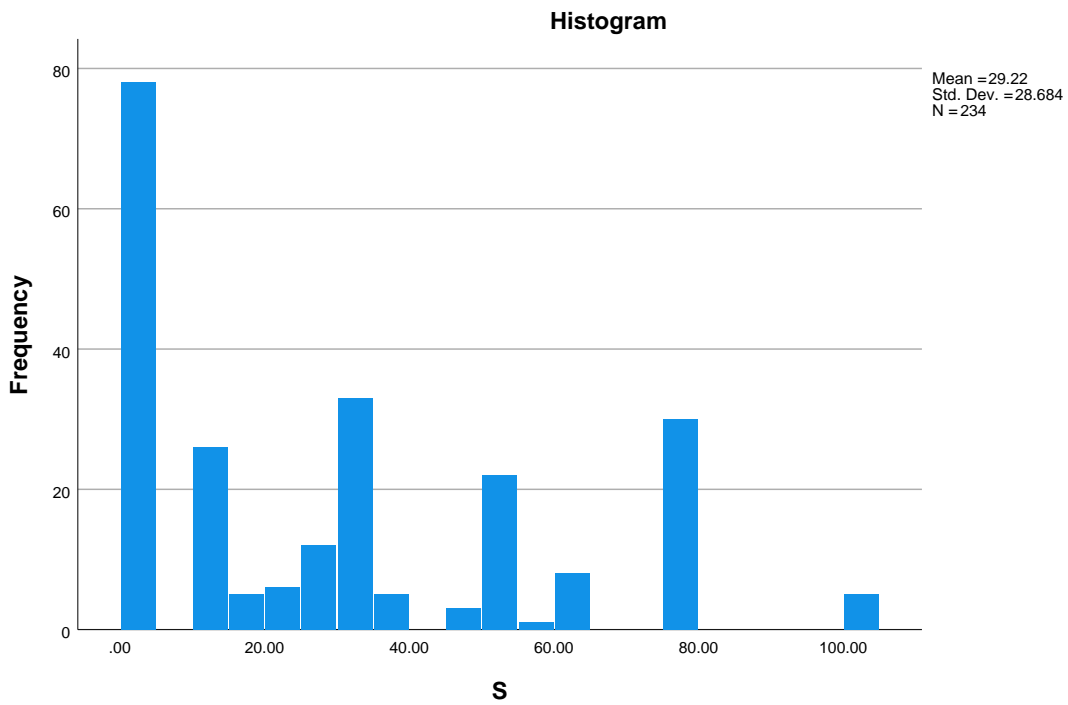
Frequency	Stem & Leaf
199.00	0 . 00
35.00	Extremes (>=7)

Stem width: 10.00
Each leaf: 2 case(s)



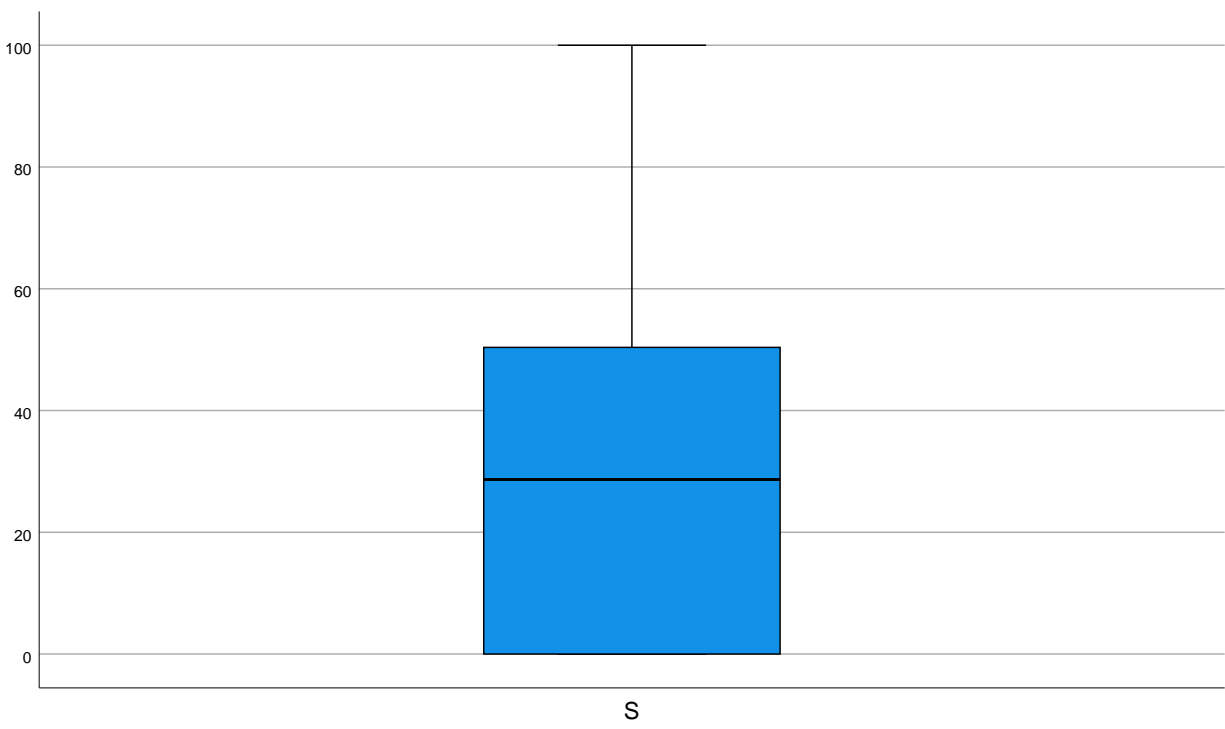
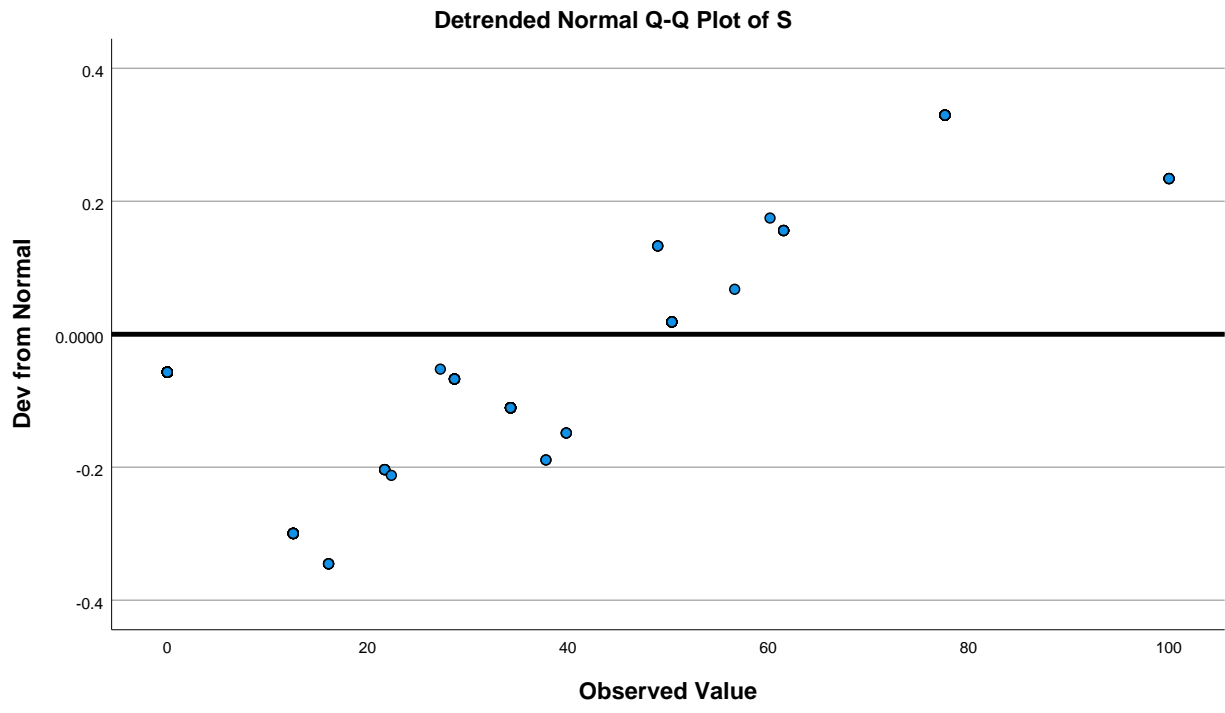


S

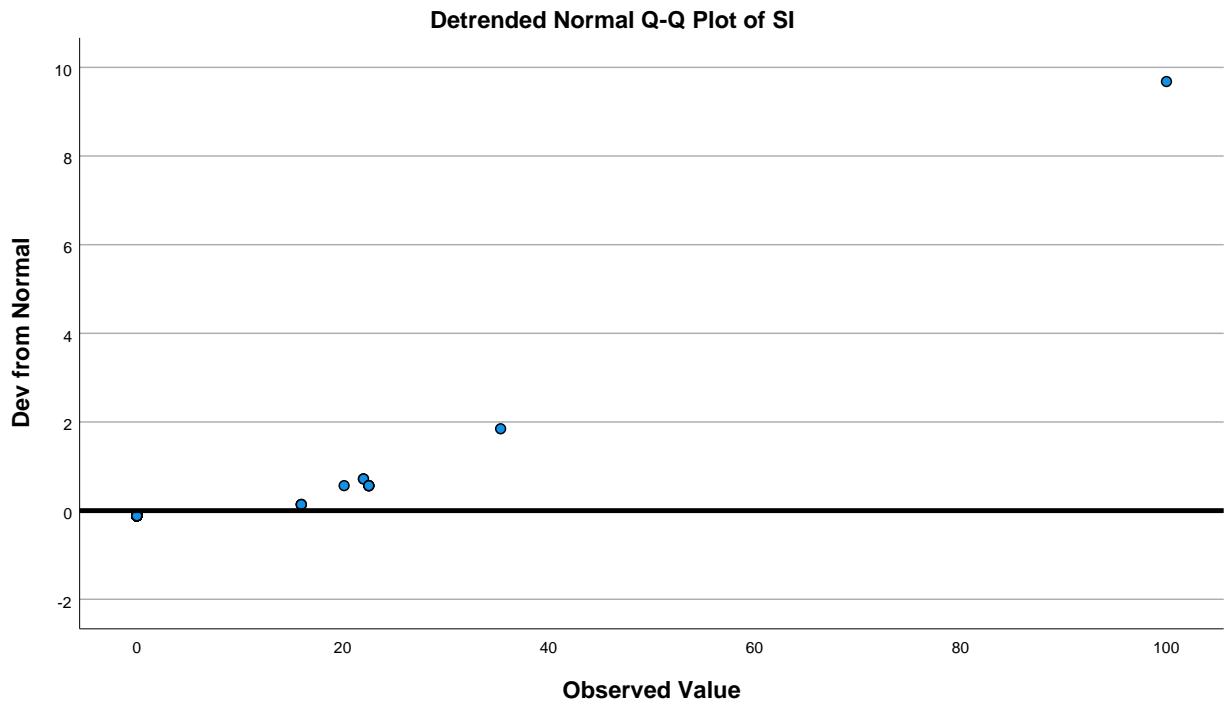
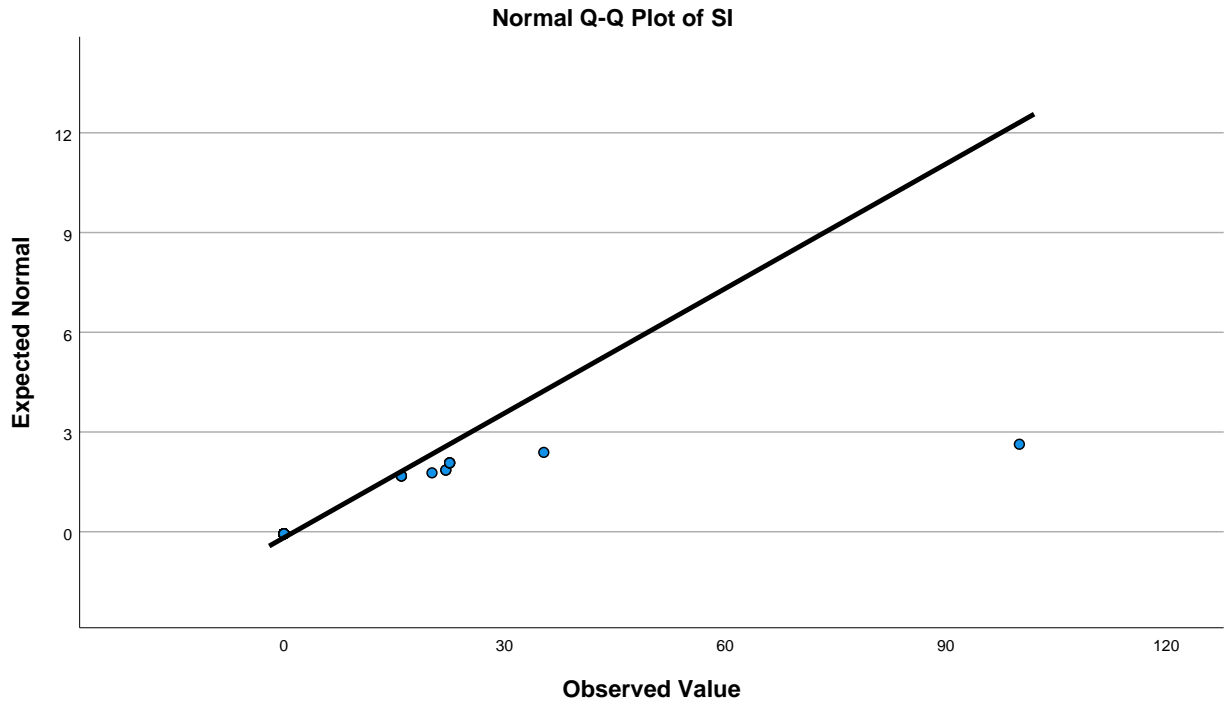


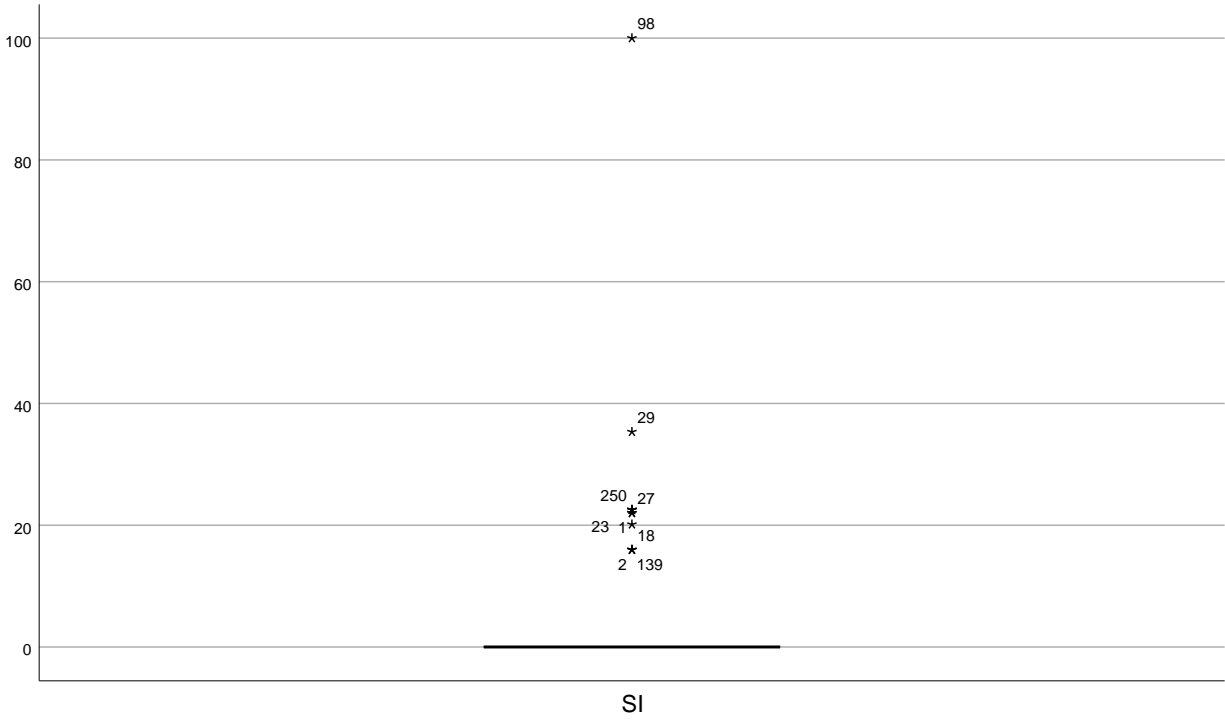
S Stem-and-Leaf Plot

Frequency Stem & Leaf

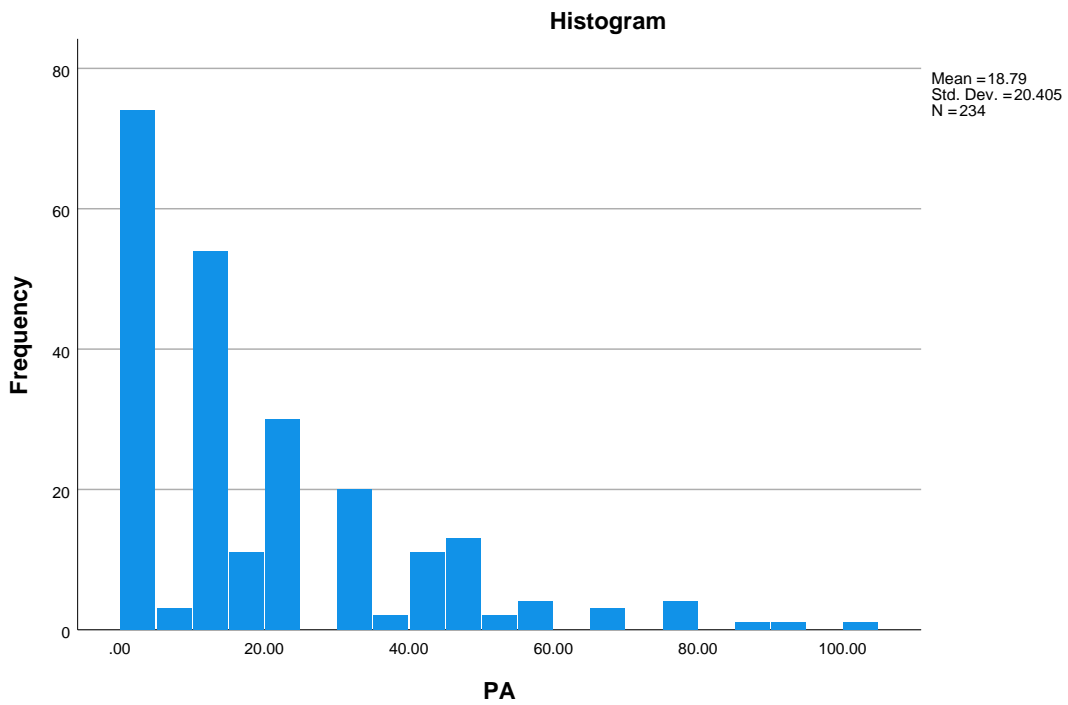


SI





PA



PA Stem-and-Leaf Plot

Frequency Stem & Leaf

